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Vehicle hydro-pneumatic suspension unit - has slide valve

Linking body position regulator valve to hydro-pneumatic accumulator

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 645861	A	19790207				197944 B

Priority Applications (No Type Date): SU 2084230 A 19741213

Abstract (Basic): SU 645861 A

A vehicle hydro-pneumatic suspension system consists of hydro-pneumatic springs (1) with inlet (2) and outlet (3) valves on each pneumatic chamber (A), a body position regulator with a valve (10), receiver (7) and hydro-pneumatic accumulator (4) with a floating partition (5).

The suspension system is designed for reduced dimensions by incorporating a slide valve (9) linking the hydraulic chamber of the accumulator to valve (10), while the accumulator's pneumatic chamber is linked by an inlet valve (8) to spring (1) and an outlet valve (6) to receiver (7).

Title Terms: VEHICLE; HYDRO-PNEUMATIC; SUSPENSION; UNIT; SLIDE; VALVE; LINK; BODY; POSITION; REGULATE; VALVE; HYDRO-PNEUMATIC; ACCUMULATOR

Derwent Class: Q12

International Patent Class (Additional): B60G-013/06

File Segment: EngPI

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